

Subject index

Blood groups and biochemical polymorphism in cattle

Haemoglobin variants in cattle: M. Braend	15
Serum amylase isozyme in three Austrian cattle breeds: W. Schleger	45
An improved method for the identification of rare β -lactoglobulin variants: G. F. Voglino	51
Studies on bovine transferrin; isolation and partial characterization: G. D. Efremov, Linda L. Smith, Betty P. Barton and T. H. J. Huisman	159
Occurrence of an unusual albumin type in Hungarian Grey cattle: Peter Soos	179
A case of irregular inheritance in the B system of cattle: V. Glasnak and J. Šulc	185

Blood groups and biochemical polymorphism in pig

Pnosphohexose isomerase polymorphism of pigs: A. Kúbek and H. Dinklage	35
Transferrin types and litter size in the pig: L. Fésüs and B. A. Rasmussen	39
Lymphocyte typing in pigs: evidence for antigen L1: M. Simon and V. Hruban	95
The time of appearance of blood group antigens in miniature pigs: J. Hojný and J. Hradecký	105
Linear sequence of the autosomal loci PHI, H and 6-PGD in pigs: E. Andresen	119
Iso-antibodies to red cell antigens in pigs' sera. 1. Iso-immunisation of pregnancy in sows: K. A. Linklater	201
Iso-antibodies to red cell antigens in pigs' sera. 2. The incidence of iso-antibodies to red cell antigens in the sera of adult pigs: K. A. Linklater	215
Lm, a new blood group factor of the L system in pigs: J. Linhart	243

Blood groups and biochemical polymorphism in horse

Catalase polymorphism in the red cells of horses: Eamonn P. Kelly, Clyde Stormont and Yoshiko Suzuki	135
--	-----

Blood groups and biochemical polymorphism in sheep and goat

Antibodies to sheep haemoglobins: Elisabeth M. Tucker and C. Pearce	31
The distribution of transferrin and hemoglobin types in families of Suffolk and Targhee sheep: L. Fésüs and B. A. Rasmussen	57
The M-L blood group system and active potassium transport in sheep reticulocytes: Elisabeth M. Tucker and J. C. Ellory	77
Development of the X-protein components in the erythrocytes of lambs: L. Fésüs and B. A. Rasmussen	101
Some blood parameters in sheep of different blood potassium types: N. S. Agar	115
Haemoglobin types and the geeldikkop-enzootic icterus disease complex in sheep: D. R. Osterhoff	181

Blood groups and biochemical polymorphism in chicken

Fertility differences in chickens of different blood group system A matings: C. C. Oosterlee, M. van Albada and J. Bouw	53
A third allele of serum esterases in domestic fowl and the strain distribution of six phenotypes: A. A. Grunder	189

Blood groups and biochemical polymorphism in experimental animals

Glucose-6-phosphate dehydrogenase deficiency, haptoglobin and hemoglobin variants in dogs: S. N. Naik, D. E. Anderson, J. H. Jardine and D. H. Clifford 89
 Polymorphism of canine serum albumin: Mae E. Day, G. J. Kraay and R. W. C. Stevens 195
 Two erythrocytic lactate dehydrogenase variants in the house mouse, *Mus musculus*: J. E. Martin and M. L. Petras 229

Blood groups and biochemical polymorphism in fish

Genetic and in vitro molecular hybridization of malate dehydrogenase isozymes in interspecific bass (*Micropterus*) hybrids: T. E. Wheat, W. F. Childers, E. T. Miller and G. S. Whitt 3
 Two possible genetic variants of red cell acid phosphatase in seals: R. Ananthakrishnan and E. M. McDermid 113
 Isoenzyme polymorphism of the sorbitol dehydrogenase and the NADP-dependent isocitrate dehydrogenases in the fish family Cyprinidae: Wolfgang Engel, Joachim Faust and Ulrich Wolf 127

Blood groups and biochemical polymorphism in wild animals

Blood group complexity: the *Pm* locus in *Peromyscus maniculatus*: E. Savage and D. G. Cameron 23
 Comparative investigations of Equidae. A study of blood groups and serum proteins in a sample of *Equus przewalskii* Poliakoff: Luba Podliachouk and Marie Kaminski 239

General

The choice and use of an index of red cell osmotic fragility: J. G. Hall and G. K. Shukla 65
 Genetic relationship of Austrian cattle breeds: Kenneth K. Kidd and Franz Pirchner 145
 The agglutination of cattle erythrocytes by plant extracts: H. C. Hines 221

Book review

J. C. Buser, Le polymorphisme biochimique de l'amylase chez les bovins (Biochemical polymorphism in cattle amylase). Thesis, Bern, 1970 59

Society news

Announcement of the 13th ESABR Conference 61
 Programme etc. of the 13th ESABR Conference 121
 Memorandum on comparison testing in cattle blood typing 124
 Fifth Pig Blood Grouping Comparison Test 251

Erratum

Erratum on 'Serum amylase isozyme in three Austrian cattle breeds' by W. Schleger (Vol. 2 (1971) 45-50) 125

Author index

Agar, N. S., Some blood parameters in sheep of different blood potassium types	115
Albada, M. van, see Oosterlee, C. C.	53
Ananthakrishnan, R. and E. M. McDermid, Two possible genetic variants of red cell phosphatase in seals	113
Anderson, D. E., see Naik, S. N.	89
Andresen, E., Linear sequence of the autosomal loci PHI, H and 6-PGD in pigs	119
Barton, Betty P., see Efremov, G. D.	159
Bouw, J., see Oosterlee, C. C.	53
Braend, M., Haemoglobin variants in cattle	15
Cameron, D. G., see Savage, E.	23
Childers, W. F., see Wheat, T. E.	3
Clifford, D. H., see Naik, S. N.	89
Day, Mae E., G. J. Kraay and R. W. C. Stevens, Polymorphism of canine serum albumin	195
Dinklage, H., see Kúbek, A.	35
Efremov, G. D., Linda L. Smith, Betty P. Barton and T. H. J. Huisman, Studies on bovine transferrin; isolation and partial characterization	159
Ellory, J. C., see Tucker, E. M.	77
Engel, Wolfgang, Joachim Faust and Ulrich Wolf, Isoenzyme polymorphism of the sorbitol dehydrogenase and the NADP-dependent isocitrate dehydrogenases in the fish family Cyprinidae	127
Faust, Joachim, see Engel, Wolfgang	127
Fésüs, L. and B. A. Rasmussen, The distribution of transferrin and haemoglobin types in families of Suffolk and Targhee sheep	39
Fésüs, L. and B. A. Rasmussen, Transferrin types and litter size in the pig	57
Fésüs, L. and B. A. Rasmussen, Development of the X-protein components in the erythrocytes of lambs	101
Glasnak, V. and J. Šulz, A case of irregular inheritance in the B system of cattle	185
Grunder, A. A., A third allele of serum esterases in domestic fowl and the strain distribution of six phenotypes	189
Hall, J. G. and G. K. Shukla, The choice and use of an index of red cell osmotic fragility	65
Hines, H. C., The agglutination of cattle erythrocytes by plant extracts	221
Hojný, J. and J. Hradecký, The time of appearance of blood group antigens in miniature pigs	105
Hradecký, J., see Hojný, J.	105
Hruban, V., see Simon, M.	95
Huisman, T. H. J., see Efremov, G. D.	159
Jardine, J. H., see Naik, S. N.	89
Kaminski, Marie, see Podliachouk, Luba	239
Kelly, Eamonn P., Clyde Stormont and Yoshiko Suzuki, Catalase polymorphism in the red cells of horses	135
Kidd, Kenneth K. and Franz Pirchner, Genetic relationships of Austrian cattle breeds	145
Kraay, G. J., see Day, Mae E.	195
Kúbek, A. and H. Dinklage, Phosphohexose isomerase polymorphism of pigs	35
Linhart, J., Lm, a new blood group factor of the L system in pigs	243
Linklater, K. A., Iso-antibodies to red cell antigens in pigs' sera. 1. Iso-immunisation of pregnancy in sows	201
Linklater, K. A., Iso-antibodies to red cell antigens in pigs' sera. 2. The incidence of iso-antibodies to red cell antigens in the sera of adult pigs	215

McDermid, E. M., see Ananthakrishnan, R. 113
 Martin, J. E. and M. L. Petras, Two erythrocytic lactate dehydrogenase variants in the house mouse, *Mus musculus* 229 3
 Miller, E. T., see Wheat, T. E.
 Naik, S. N., D. E. Anderson, J. H. Jardine and D. H. Clifford, Glucose-6-phosphate dehydrogenase deficiency, haptoglobin and hemoglobin variants in dogs 89
 Oosterlee, C. C., M. van Albada and J. Bouw, Fertility differences in chickens of different blood group system A matings 53
 Osterhoff, D. R., Haemoglobin types and the geeldikkop-enzootic icterus disease complex in sheep 181 31
 Pearce, C., see Tucker, E. M. 229 145
 Petras, M. L., see Martin, J. E.
 Pirchner, Franz, see Kidd, Kenneth K.
 Podliachouk, Luba and Marie Kaminski, Comparative investigations of Equidae. A study of blood groups and serum proteins in a sample of *Equus przewalskii* Poliakoff 239 39, 57, 101
 Rasmussen, B. A., see Fésüs, L. 23 45
 Savage, E. and D. C. Cameron, Blood group complexity: the *Pm* locus in *Peromyscus maniculatus* 179 195
 Schleger, W., Serum amylase isozyme in three Austrian cattle breeds 65
 Shukla, G. K., see Hall, J. G.
 Simon, M. and V. Hraban, Lymphocyte typing in pigs: evidence for antigen L1 95
 Smith, Linda L., see Efremov, G. D. 159
 Soos, Peter, Occurrence of an unusual albumin type in Hungarian Grey cattle 179
 Stevens, R. W. C., see Day, Mae E. 195
 Stormont, Clyde, see Kelly, Eamonn P. 135
 Šulc, J., see Glasnak, V. 185
 Suzuki, Yoshiko, see Kelly, Eamonn P. 135
 Tucker, Elisabeth M. and J. C. Ellory, The M-L group system and active potassium transport in sheep reticulocytes 77
 Tucker, Elisabeth M. and C. Pearce, Antibodies to sheep haemoglobins 39
 Voglino, G. F., An improved method for the identification of rare β -lactoglobulin variants 51
 Wheat, T. E., W. F. Childers, E. T. Miller and G. S. Whitt, Genetic and in vitro molecular hybridization of malate dehydrogenase isozymes in interspecific bass (*Micropterus*) hybrids 3 3
 Whitt, G. S., see Wheat, T. E. 127
 Wolf, Ulrich, see Engel, Wolfgang

